

What is Claimed is:

1. A method of inhibiting or blocking the binding of human neutrophils to activated endothelial cells in a patient in need thereof, which method comprises administering to said patient an effective amount of a compound which binds the CXCR2 receptor.

2. The method according to claim 1 wherein the compound is N-[2-Hydroxy-4-cyanophenyl]-N'-(2-bromophenyl) urea, or N-(2-Hydroxy-4-nitrophenyl)-N'-(2-bromophenyl)urea or a pharmaceutically acceptable salt thereof.

3. The method according to claim 1 which further comprises a compound which also binds to the CXCR1 receptor.

4. A method of inhibiting or blocking T-cell mediated chemotaxis in a patient in need thereof, which method comprises to said patient an effective amount of a compound which binds the CXCR2 receptor.

5. The method according to claim 4 wherein the compound is N-[2-Hydroxy-4-cyanophenyl]-N'-(2-bromophenyl) urea, or N-(2-Hydroxy-4-nitrophenyl)-N'-(2-bromophenyl)urea or a pharmaceutically acceptable salt thereof.

6. The method according to claim 4 which further comprises a compound which also binds to the CXCR1 receptor.